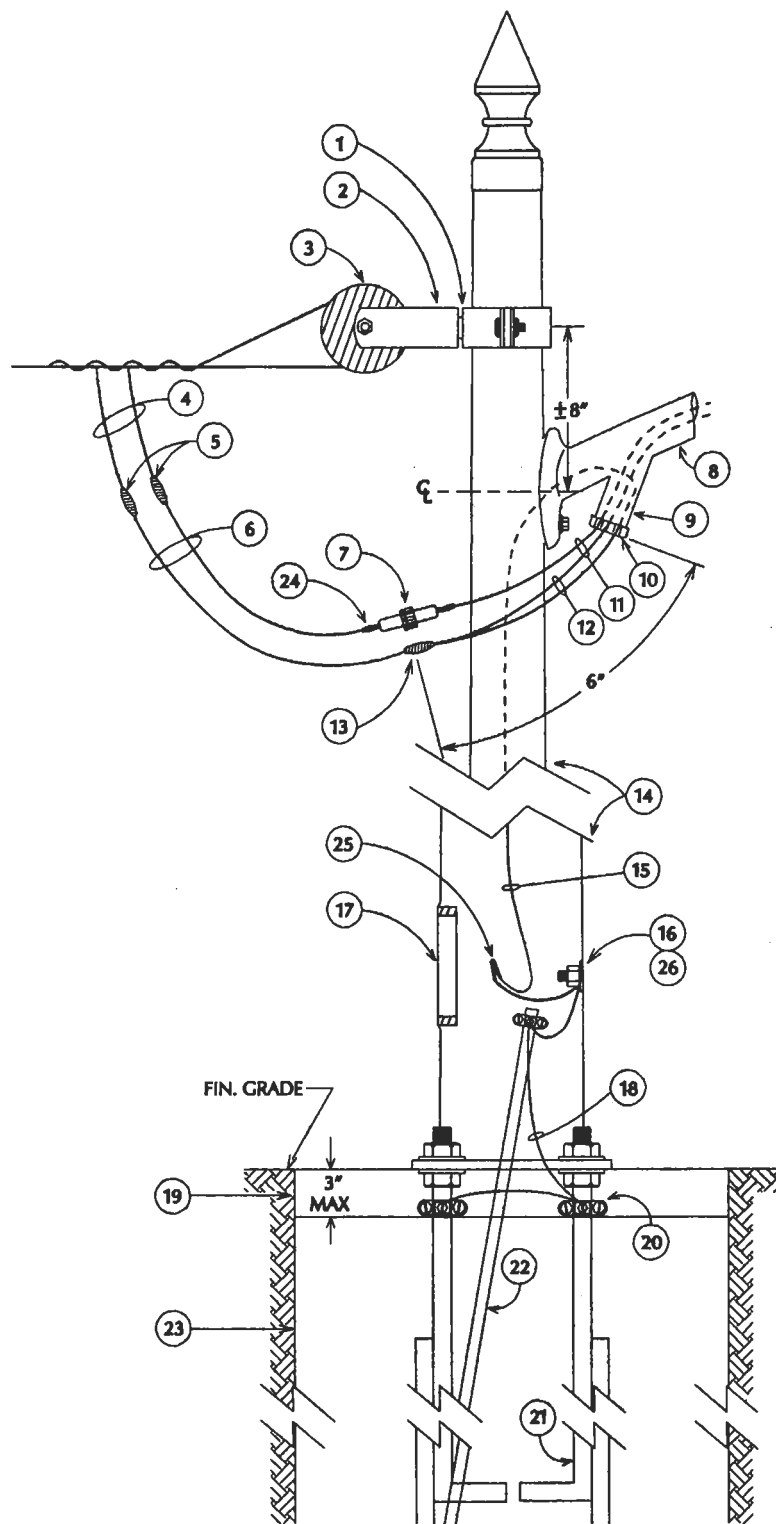


- ① 1/4" X 1 1/2" GALVANIZED STEEL
POLE BAND WITH MOUNTING HARDWARE
- ② 3 /16" X 1 1/2" GALVANIZED
STEEL CLEVIS
- ③ 10KV, 1500 LB. TEST SPOOL
- ④ SERVICE DROP BY P.G.&E.
- ⑤ WATERPROOF SPLICES BY P.G.&E.
- ⑥ 2 #10 AWG X 24" LEADS MINIMUM
- ⑦ WATERPROOF SINGLE POLE FUSED
SPLICE CONNECTOR RATED 30A, 600V
WITH 10 A FUSE
- ⑧ MAST ARM
- ⑨ 1 1/2" DIA. IPS ENTRANCE NIPPLE
- ⑩ 1 1/2" DIA. INSULATING METAL BUSHING
- ⑪ 2 #10 AWG (120V) TO LUMINAIRE
- ⑫ 2 #10 AWG NEUTRALS, ONE TO
LUMINAIRE AND ONE TO GROUNDING
CLAMP ON GROUND ROD VIA POLE
GROUNDING LUG
- ⑬ C-TAP WATERPROOF SPLICE
- ⑭ POLE
- ⑮ #10 AWG NEUTRAL CONDUCTOR
- ⑯ 1/2" - N.C. SQ. HD. CAP SCREW
X 1" LONG GROUNDING LUG W/HEX
NUT AND FLAT WASHER
- ⑰ HANDHOLE WITH COVER
- ⑱ #8 AWG BARE BONDING CONDUCTOR
TO ALL ANCHOR BOLT GROUNDING CLAMPS
- ⑲ PCC FOUNDATION CAP
- ⑳ GROUNDING CLAMP (TYP.) UL LISTED
AS SUITABLE FOR CONCRETE ENCASEMENT
OR DIRECT BURIAL; INSTALL GROUNDING
CLAMPS ON ALL ANCHOR BOLTS
- ㉑ GALV. ANCHOR BOLT (TYP.)
- ㉒ 5 /8" X 10' COPPERCLAD OR 3 /4" X 10'
GALVANIZED GROUND ROD; INSTALL TOP
OF GROUND ROD EVEN W/BOTTOM
OF HANDHOLE OPENING
- ㉓ PCC FOUNDATION
- ㉔ WATERPROOF SPLICE (TYP.)
- ㉕ SPLICE
- ㉖ TERMINATE BONDING CONDUCTOR WITH
UL APPROVED GROUNDING LUG



NOTE:
THE GROUND ROD SHALL BE INSTALLED OBLIQUELY THROUGH THE FOUNDATION IN UNDISTURBED SOIL.

APPROVED BY

Ans

DATE

3/3/92

120V OVERHEAD STREETLIGHT SERVICE - TYPE IIA

DEPARTMENT OF PUBLIC WORKS



DRAWING NO.

E-41